#include <iostream>

using namespace std;

int power(int base, int exponent){

if (exponent==0)

{ return 1;

}

else{

return base\*power(base,exponent-1);

}

}

int main() {

int base,exponent;

cout<<"enter the value of base"<<endl;

cin>>base;

cout<<"enter the value of exponent";

cin>>exponent;

cout<<power(base,exponent);

return 0;

}